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Patent Office
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I, JANENE PEISKER, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. 2002952560 for a patent by JOHN BARRY FINN and BRIAN DOUGLAS JENKINS as filed on 08 November 2002.



WITNESS my hand this
Twentieth day of November 2003

[Handwritten signature: J. K. + U]

JANENE PEISKER
TEAM LEADER EXAMINATION
SUPPORT AND SALES

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Provisional Specification

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Invention Title

Manual Water Distillation Apparatus

The invention is described in the following statement

The Manual Water Distillation Apparatus uses a purpose built stainless steel lid, it is round in shape when viewed from above and has a conical base and raised slopping sides and a turned out lip. It is used in the following manner.

METHOD ONE.

The large holding container in which the raw water is boiled can be a pot, saucepan, canister, billy or other suitable container provided it has a symmetrical round top. The stainless steel lid/apparatus has been designed and constructed so that it will adapt to any container of suitable size.

The lid/apparatus is then filled with a cooling agent, the internal collection container is placed on the internal stand, is not to be placed in the raw water. Once heat is applied the steam will rise to the underside of the lid/ apparatus and condensation will occur, due to the symmetrical shape of the lid/apparatus the collected droplets will run at a uniform rate and drop from the centre of the lid/apparatus into the collection container.

The heat transferred through the lid/apparatus is taken up by the coolant in the lid/apparatus, this inturn will rise to the top of the coolant and force the cooler coolant to the bottom of the lid/apparatus, and so on.

The invention is described in the following statement

METHOD TWO.

The large holding container in which the raw water is boiled can be a pot, saucepan, canister, billy or other suitable container provided it has a symmetrical round top. The stainless steel lid/apparatus has been designed and constructed so that it will adapt to any container of suitable size. This container is fitted with a pipe, which will run from just beneath the centre of the lid/apparatus out through the bottom on the container and down past the heat source.

The lid/apparatus is then filled with a cooling agent. Once heat is applied the steam will rise to the underside of the lid/apparatus and condensation will occur, due to the symmetrical shape of the lid/apparatus the collected droplets will run at a uniform rate and drop from the centre of the lid/apparatus into the pipe and down into the collection container.

The heat transferred through the lid/apparatus is taken up by the coolant in the lid/apparatus, this inturn will rise to the top of the coolant and force the cooler coolant to the bottom of the lid/apparatus, and so on.

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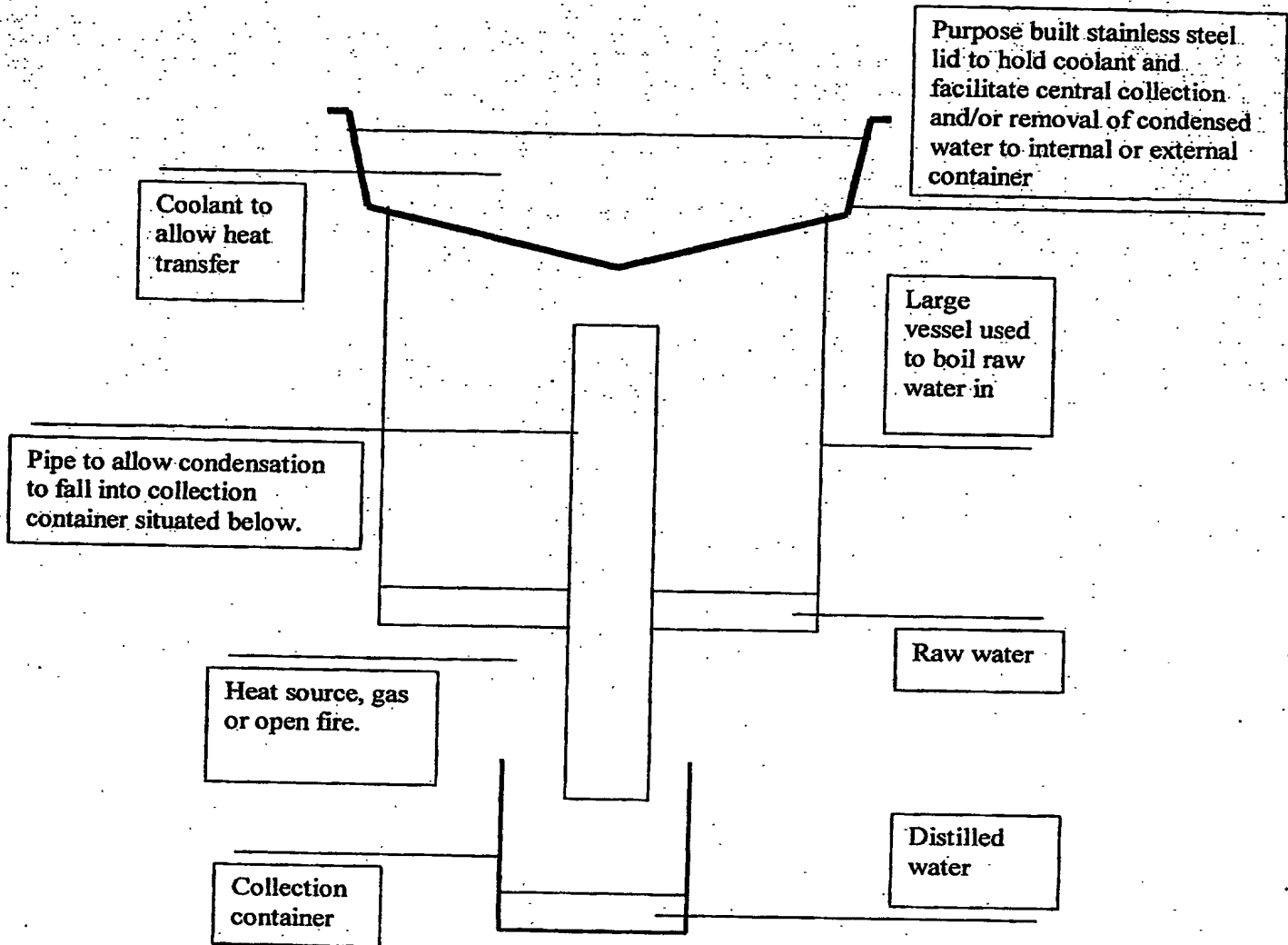
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Date

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Manual Water Distillation Apparatus:



Manual Water Distillation Apparatus:

